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BRITISH HONDURAS ANNUAL MEDICAL REPORT FOR THE YEAR ENDING 31st DECEMBER, 1951.

I.—MAIN EVENTS.

STAFF:

The authorised medical staff consists of a Director of Medical Services, a Surgeon Specialist, and eight Medical Officers.

Dr. H. M. Forde went on vacation and study leave on 19th January.

Dr. E. K. W. Kredel arrived in the Colony and assumed duty on 23rd January.

Mr. B. Markowski arrived in the Colony and assumed duty as Surgeon Specialist on 4th June.

Dr. T. Patterson retired on 11th October.

Dr. S. J. Lach returned from vacation and study leave on 27th August, having obtained the Diploma of Tropical Medicine and Hygiene.

Dr. W. A. S. George Jr. arrived in the Colony and assumed duty on 28th November.

Miss A. F. Adamson arrived in the Colony and assumed duty as Assistant Matron on 28th November.

Miss V. Anderson, Radiographer Belize Hospital, died on 30th September.

A visit was paid to the Colony by Dr. D. W. Degazon, Opthalmic Surgeon, Jamaica Government, for duty for a period of three weeks.

TRAINING OF JUNIOR PERSONNEL:

No new candidates for general nursing training or for rural health nursing were accepted during the year. One candidate was admitted for midwifery training alone.

Nurses Leslie, Pinks and Rhys returned from a course of training in Public Health Nursing in Jamaica. Of these, Nurses Pinks and Rhys obtained the Jamaica qualification. Nurse Pinks was successful in passing the examination for the Diploma of the Royal Sanitary Institute.

One candidate successfully completed her course of training for rural nurse, three completed their midwifery training, and three candidates passed their examinations in general nursing and midwifery at the Belize Hospital.

VISITS:

Dr. E. D. Pridie, C.M.G., D.S.O., O.B.E., Chief Medical Officer to the Secretary of State for the Colonies visited the Colony for one week from 6th February to 13th February. He was accompanied by Dr. J. W. P. Harkness, C.M.G., Medical Adviser to the Comptroller, Colonial Development and Welfare.

During his visit Dr. Pridie visited Cayo, Corozal, Orange Walk and Stann Creek. He also saw plans for the new proposed rebuilding of the Belize Hospital.

Miss A. C. Shaffer, Chief Area Officer UNICEF visited the Colony on 19th April and 29th September from Guatemala City.

Dr. G. M. Thompson, Adviser in Venereal Disease to Comptroller Colonial Development and Welfare visited the Colony for ten days from 13th September.

Dr. Juan C. Camargo, Adviser in Yellow Fever to World Health Organization visited the Colony in September.

Mr. Gordon Carter, UNICEF Representative visited the Colony in September to advise on and inspect the carrying out of the UNICEF School Demonstration Feeding Programme.

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LEGISLATION:

Statutory Instrument No.

1 The Public Health (Lepei Asylum).
21 The Importation of a Corpse into the Colony Regulations (1951).
29 The District Midwives (Change of Title) Order (1951).
30 The Departmental Sister (Change of Title) Order (1951).
31 The Assistant Matron (Change of Title) Order (1951).
40 The Surgeon Specialist (Change of Title) Order (1951).

Ordinance

No. 21. To amend the Public Health Ordinance 1942 to authorise the interring of Bishops of the Church of England and Church of Rome within the precincts of their respective cathedrals.

FINANCE:

The estimated expenditure of the Department was $361,758 representing 11.91% of the Colony's budget.

A. REVENUE—	
Laboratory Fees	$817.00
Hospital (Maintenance of Patients and Operation fees)	17,478.30
Total	$18,295.30
B. EXPENDITURE—	
(1) Personal Emoluments	$142,585.97
(2) Dieting—Total Expenditure	50,604.16

incurred in respect of the following institutions:—

Institutions	Total Expenditure in Dollars	Average daily No. of patients	Cost per head per diem in cents
Belize Hospital	16,842.34	120	.38
Mental Hospital and Poor House ..	22,000.25	137	.44
Corozal Hospital	2,129.51	8	.73
Orange Walk Hospital	1,635.82	8	.56
Stann Creek Hospital	2,898.73	32	.25
Toledo Hospital	2,376.00	12	.54
Cayo Hospital	2,721.51	12	.62

(3) Feeding of School Children Belize ..	$6,606.19
District Towns and Villages	3,129.19
Total	$9,735.38
(4) Health Service Belize	$41,303.10
Districts	32,472.67
(5) Other Charges	$105,065.73

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II.—DEVELOPMENT AND WELFARE SCHEMES

*Scheme D*1020—*Rural Dispensaries*: During the year dispensaries were completed at Monkey River, Barranco and Double Head Cabbage. Those at Monkey River and Barranco were opened and are functioning. The dispensary at Double Head Cabbage will be opened as soon as its equipment arrives. Work on the dispensaries at Sarteneja, San Antonio and the Stann Creek Valley was commenced during the year.

*Scheme D*1324—*Training of a Dispenser Tutor*: The training of Mr. P. Lincoln Trapp was completed in September 1951.

*Scheme D*1377—*Training of Rural Nurses*: Three nurses received training but were unable to complete the course in the time allotted. They are still being trained, however, and the cost of training is borne by the Medical Department.

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*Scheme D*1108—*Training of Junior Personnel*: The three nurses sent for Public Health Training in Jamaica under this scheme completed their training and returned to the Colony in June.

III.—HOUSING.

In Belize, the capital city, the majority of the population live in houses constructed of timber with galvanized iron roofs and usually standing on wooden piles about seven feet above the level of the ground. Owing to the low-lying nature of the ground in Belize, the work of filling and reclamation of land is constantly being undertaken by private individuals and the City Council. Reclamation schemes are undertaken by government from time to time.

Housing conditions elsewhere in the Colony vary with the population. In the north, the Indian population lives in adobe houses, that is half-pole walls, which are covered with mud and plaster and painted white. The roof is thatch.

In the south the Carib population lives in the same type of house without the plaster on the walls.

The standard type of house in towns is the frame house standing on piles with a single layer of pine-boards for the walls and a galvanized iron roof. Windows are usually of the sash type. Living conditions in this type of house depend entirely on whether or not the house gets any sea breeze as without this the house is hot and uncomfortable during the day, unless wide verandahs and ventilation between the ceiling and roof are provided. This is not usually the case.

Until recently it was not believed that the ground in Belize (being reclaimed) would support a cement structure. The Colonial Development Corporation Hotel (of cement) was supported by piles. It is understood, however, that Barclay's Bank are to erect a two-storey cement structure on a site in the town without piles.

Conversion to cement as a building material in Belize and district towns would have many advantages, amongst them improved living conditions and freedom from the bogey of fire.

The Central Housing and Planning Authority has proposed an extension of the present "Cinderella Town" Scheme to include 68 houses north of the site of Cinderella Town.

IV.—PUBLIC HEALTH.

Communicable Diseases.

The general health of the Colony remained good during the year. The death rate per 1,000 was 11.50 (13.03 in 1950) and the infant mortality rate was 94.6 per 1,000 live births (106.5 in 1950).

Malaria: This disease continues to hold first place. There has however been a noticeable drop in the total incidence, i.e. from 806 cases in 1950 to 534 in 1951 (admissions to hospital only).

Such a fall would normally occur only as a result of one of the following factors:

(i) The introduction of a new anti-malaria drug;
(ii) A great decrease in the rainfall;
(iii) Extensive drainage of known anopheline mosquito breeding areas, or
(iv) The introduction of insect control measures.

In this Colony in 1951, one general factor and one local factor operated, the local factor being the putting into action of a plan to drain Stann Creek Town, and as Stann Creek always has a high incidence of malaria, part of the credit for the reduced incidence of malaria in Stann Creek must be given to this drainage scheme devised by Mr. Magoon, Sanitary Engineer attached to the Rockefeller Foundation.

The general factor which operated was the continuation of the Insect Control Programme introduced in the Colony in 1950 under the authority of World Health Organization with materials provided by UNICEF, and to this scheme must go the major part of the credit for the reduction of malaria incidence in the Colony. This reduction is most noticeable in Belize, Stann Creek and Toledo District. The high incidence of malaria in Stann Creek has been attributed to the presence there of Anopheles Darlingi, whose reputation as a carrier of malaria is attributed to its high percentage of malaria infected mosquitoes.

Of 1740 blood smears, examined for Malaria parasites, 155 or 8.91%were found positive; of the positives 74.84% were found to be P. Falciparum. Seven deaths were certified caused by malaria, as against 29 in the previous year representing 1.43% and 6% respectively of the certified deaths from all causes.

Malaria cases admitted to the various hospitals were as follows:—

Institutions	Cases	Total Admissions	Percentage of Admissions
Belize	86	3,960	2.17
Corozal	36	326	11.04
El Cayo	74	490	15.10
Stann Creek	216	1,171	18.45
Toledo	96	626	15.34
Orange Walk	26	250	10.40
	534	6,823	7.83

Typhoid and Paratyphoid: Sixty-four cases of the enteric group of fevers were notified with 15 deaths, as compared with 66 cases and 6 deaths in 1950. Chloromycetin continues to give excellent results in the treatment of this disease, and it is hoped that in spite of its cost it will be possible to give this drug to all cases.

Dysentery: One hundred and forty-six cases with 7 deaths were notified as compared with 170 cases with 16 deaths in 1950. Seventy-four cases were of the amoebic type, 2 bacillary and 70 unspecified.

Pulmonary Tuberculosis: Sixty-two cases with 37 deaths were notified as against 49 cases with 34 deaths in the previous year, representing a death rate of 53 and 50 per 100,000 of the population respectively.

Comparative death rates for the period 1940-51 are shown below:

Year	Total Deaths	Death Rate per 100,000 of population
1940	34	57
1941	38	62
1942	31	50
1943	44	70
1944	29	46
1945	37	58
1946	42	70
1947	32	52
1948	45	71
1949	33	50
1950	34	50
1951	37	53

Measles : One hundred and eighty-nine cases were notified with one death.This is a seasonal outbreak.

Social Diseases.

There were 4,487 attendances at the social diseases clinic during the year as against 5,473 in the previous year. Eleven cases of congenital syphilis, 174 cases of acquired syphilis and 394 cases of gonorrhea were notified in 1951.

Of 3,938 samples of blood taken for Kahn Test, 532 or 13.51% were positive; of 823 pregnant women attending the ante-natal clinics where bloods were tested, 62 or 7.53% were positive. This figure probably gives a more accurate estimate of syphilis in the population.

Vital Statistics.

The figures and rates in respect of 1950 and 1951 are shown below:—

	1950	1951
Estimated population at 31st December	67,430	69,644
Number of registered births	2,657	2,905
Number of deaths from all causes	845	801
Number of deaths in infants under 1 year	284	275
Number of deaths in infants under 1 month	104	101
Number of still-births	107	91

Rates—

Birth rate per 1,000 of population	39.40	41.71
Crude death rate per 1,000 of population	11.04	11.50
Infant mortality rate per 1,000 live births	106.5	94.6
Neonatal death rate per 1,000 live births	39.1	34.77
Still birth rate per 100 live births	4.02	3.13

61.05% of all deaths were certified by medical practitioners, as against 56% in 1950.

VI.—PREVENTATIVE MEASURES.

Hygiene and Sanitation:

No new health measures were introduced during the year. The Health Department continues to be responsible for scavenging in Belize and the district towns. There are signs, however, that the City Council of Belize and the Town Boards of district towns are awakening to their civic responsibilities, and it is hoped that before long they will assume responsibility for scavenging and cleaning the streets of their own towns.

There is still no sewerage system in Belize. Night soil is dumped into three open canals which run through the town, and eventually finds its way to the sea. As the level of water in these canals is subject to tidal variations, the flow is variable and much nuisance is caused through the sight and smell of the obnoxious contents of these canals.

Assuming that the installation of a water carried sewage system is at present ruled out because of its cost, there appears to be two alternative methods of improving the present situation:

(i) by surface collection from fixed stations, or
(ii) by hastening the flow in the canals with a forced flow through a paddle-wheel and ramp.

Of the two, the second appears the more practical and cheaper and easier to maintain. The effectiveness of this method has already been demonstrated by a model.

Mosquito Control:

The Insect Control Programme was continued throughout the year. Sufficient material is on hand to enable the programme to be continued through 1952 and 1953. The value of this programme is established.

Comment on its effectiveness in reducing malaria incidence has already been made in Section IV Public Health, Communicable Diseases.

Enteric Control:

In spite of the extensive inoculation programme carried out in 1950, a further incidence of 64 cases occurred (66 in 1950) with 15 deaths (6 in 1950). The sporadic nature of the cases made tracing extremely difficult. Until more extensive laboratory facilities are available making stool testing on a large scale possible, it will be difficult to prevent this annual incidence of enteric fever.

Water Supplies:

No wells were improved or dug during the year.

VII.—HOSPITALS.

The total bed strength of the six hospitals is 218 or 3.1 beds for 1,000 of population.

There were 6,823 admissions during the year as compared with 6,910 in 1950 made up as follows:—

Belize Hospital	3,960
Stann Creek Hospital	1,171
Punta Gorda Hospital	626
Cayo Hospital	490
Corozal Hospital	326
Orange Walk Hospital	250

Maternity Ward, Belize Hospital:

There were 554 deliveries with 4 maternal deaths as compared with 496 deliveries and 5 deaths in the previous year.

List of Surgical Operations performed in the Belize Hospital is as follows:—

Appendicectomy	117
Intestinal Obstruction	1
Other abdominal operations	19
Herniorrhaphy	94
Hysterectomy (total and sub-total)	48
Caesarian Section	1
Ectopic Gestation	16
Genito-urinary Operation	25
Cataracts	9
Other Eye, Ear, Nose and Throat Operations	16
Amputations	13
Fractures	9
Minor Operations	576
Miscellaneous	20
Total	964

Out-Patient Department:

There was a total of 61,294 attendances at the six out-patient's departments as follows:—

Belize	40,713
Corozal	4,276
Orange Walk	3,815
Cayo	5,474
Stann Creek	5,894
Toledo	1,122

Tables showing morbidity returns in respect of the hospitals and out-patient departments are shown in Appendices 7 and 8 respectively.

Dental Clinics:

Two clinics held weekly at Belize Hospital with total attendance of 2,367 as against 2,217 in 1950. Visits were paid by a Dental Surgeon to rural districts.

Laboratory:

A total of 12,098 examinations were made, classified as follows:—

1. *Haematology—*

No. of Full Blood Counts	242	
No. of Single Haemoglobin Tests	648	
No. of White Cell Counts with differential	81	
No. of E.S.R. (Cutler)	37	
No. of Coagulation Time	1	
No. of Blood Grouping	29	
Total Haematology		1,038

2. *Biochemistry—*

No. of Blood Sugar	11	
No. of Blood Urea	19	
No. of Spinal Fluids	6	
No. of Renal Function Tests	—	
No. of Fractional Test Meals	2	
Total Biochemistry		38

3. *Serology—*

No. of Kahn Tests	3,938		
No. of Kahn Tests Positive	532		
Percentage of Positives		13.51%	
No. of Widal Tests	170		
No. of Widal Tests Positive	59		
Percentage of Positives		34.72%	
Total Serology			4,108

4. *Blood Parasites—*

No. of Blood Smears for Malaria			1,740
No. of Positives	155		
Percentage of Positives		8.91%	
No. containing P. Falciparum	116		

Percentage P. Falciparum		74.84%	
No. containing P. Vivax	38		
No. containing P. Malaria	1		
5. No. of Smears for G. C.			456
No. of Positives	96		
Percentage of Positives		21.05%	
Doubtful G.C.	184		
6. Throat Swabs for K.L.B.			3
Throat Positive K.L.B.	1		
7. No. of Stools			297
No. of positives for Helminthic Ova ..	61		
Percentages of Positives		20.54%	
No. of positives for E. Histolytica ..	56	18.86%	
8. No. of Sputum for K.B.			286
No. of Positives	51		
Percentage of Positives		17.82%	
9. No. of complete Urine Analysis			4,132

Mental Hospital:

	Male	Female	Total
No. of inmates present at the beginning of the year ..	51	30	81
No. of inmates admitted during the year	13	16	29
No. of inmates discharged during the year	9	2	11
No. of inmates died during the year	11	3	14
No. of inmates remaining at the end of the year ..	44	41	85

Of the number admitted during the year 25 were for observation and of this number 11 were certified as insane

Poor House:

	Male	Female	Total
No. of inmates present at beginning of the year ..	40	19	59
No. of inmates admitted during the year	28	9	37
No. of inmates discharged during the year	7	5	12
No. of inmates died during the year	24	7	31
No. of inmates at the end of the year	37	16	53

Maternal Hygiene:

Clinics were held at seventeen centres throughout the Colony with a total of 5,499 attendances. In Belize the number of cases registered was 595.

Child Hygiene:

Clinics were held at nineteen centres with a total attendance of 50,656. In Belize clinics were held weekly at two centres, one on the north side and the other on the south side of the City. The following statistics show the volume of work done in Belize and the urgent necessity for a Health Centre.

	Mesopotamia	Hutson Street	Total
No. of Clinics held	47	50	97
No. of New Babies registered	403	346	749
No. of Attendances	5,092	4,492	9,584
No. of Medical Examinations	448	452	900
No. of Health Visits to Homes	1,922	1,769	3,691
No. of Deaths (0-5 years old)	22	14	36
No. of Deaths under 1 year of age	12	8	20
No. of pounds Powdered Milk distributed (UNICEF) ..	—	—	2,628
No. of pints Cod Liver Oil distributed	136	94	230
No. of pounds Food Yeast	78	48	126

Airport and Port Health Work:

No case of any of the Convention Diseases was seen in the Airport, or any of the Seaports. Quarantine regulations were, however, observed in the case of Costa Rica with regard to Yellow Fever. A qualified nurse is attached to the Airport staff.

Feeding of School Children:

The School Feeding Demonstration Programme inaugurated in British Honduras in 1950 was continued throughout the year, with supplies from the United Nations International Children Emergency Fund (UNICEF). There is no question that this programme has been of the utmost value to the school children of the Colony. The present programme is due to finish in July 1952, but it is hoped to get an extension for one more year. The average daily number of children who received the mid-morning snack was 4,026.

The responsibility for providing a mid-day meal, for needy children in schools was again divided between Lady Garvey's Fund and Government, the former being largely responsible for the provision of meals in Belize, and the latter in district towns. The average daily number of children fed in Belize was 280 and the number in districts 216.

Pre-school age children of needy families were assisted as follows:

(*a*) Up to 1 year — By UNICEF Milk.
(*b*) From 2-5 years — By Milk supplied by the Red Cross.

G. G. SMITH,

Director of Medical Services.

DISTRIBUTION OF CASES AND DEATHS FROM COMMUNICABLE AND PARASITIC DISEASES ACCORDING TO DISTRICTS. 1951

DISEASES	Belize		Northern District		Stann Creek		Toledo		Cayo		Total	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
Typhoid Fever and Paratyphoid Fever	31	12	6	1	1	—	10	2	16	—	64	15
Dysentery all forms	66	3	20	2	54	2	4	—	2	—	146	7
Whooping Cough	89	—	20	3	59	—	—	—	5	—	173	3
Diphtheria	4	—	—	—	—	—	—	—	—	—	4	—
Measles	23	—	7	1	135	—	1	—	23	—	189	1
Influenza	3	—	2	—	1	—	—	—	37	—	43	—
Chickenpox	37	—	4	—	5	—	8	—	200	—	254	—
Mumps	6	—	2	—	—	—	1	—	2	—	11	—
Tuberculosis of respiratory system	37	29	7	—	16	4	2	—	—	2	62	35
Other forms of Tuberculosis	5	3	4	—	6	1	—	—	—	—	15	4
Gonococcus infection of the female genito-urinary system	100	—	6	—	9	—	6	—	1	—	122	—
Gonococcus infectionof the male genito-urinary system	143	—	17	—	10	—	13	—	19	—	202	—
Gonococcus infection of the eye	5	—	2	—	—	—	6	—	1	—	14	—
Other forms of Gonococcal infection	29	—	3	—	11	—	6	—	7	—	56	—
Malaria unspecified	668	2	226	—	784	4	254	—	381	1	2313	7
Malignant tertian malaria (P. falciparum)	118	—	2	—	—	—	12	—	—	—	132	—
Quartan malaria (P. Malariae)	5	—	1	—	3	—	—	—	—	—	9	—
Benign tertian malaria (P. Vivax)	41	—	—	—	5	—	—	—	—	—	46	—
Black Water Fever	—	—	—	—	1	—	—	—	—	—	1	—
Early Syphilis	81	—	4	—	—	—	—	—	—	—	85	—
Cardiovascular Syphilis	4	—	1	—	—	—	—	—	—	—	5	—
Syphilis of the Nervous System	7	—	2	—	3	—	—	—	3	—	15	—
Other forms of Syphilis	58	2	3	—	5	1	—	—	3	—	69	3
Congenital Syphilis	7	1	3	—	—	—	—	—	1	—	11	1
Cerebrospinal (meningococcus meningitis)	7	—	—	—	1	—	1	—	—	—	9	—
Erysipelas	2	—	—	—	—	—	—	—	1	—	3	—
Tetanus	2	1	2	3	3	—	—	—	—	—	7	4
Septicemia	—	1	—	—	—	—	—	—	1	—	1	1
Gas Bacillus infection	2	—	—	—	—	—	—	—	—	—	2	—
Intestinal Worms other than Ankylostomiasis	1174	—	43	—	96	—	14	—	40	—	1367	—
Ankylostomiasis	8	—	4	—	7	—	3	—	—	—	22	—
Dermatophytosis and other forms of Mycosis	206	—	16	—	9	—	—	—	2	—	233	—
Chancroid	3	—	—	—	—	—	—	—	—	—	3	—
Lympho-granuloma inguinale	17	—	1	—	2	—	1	—	1	—	22	—
Other forms of Venereal diseases	33	—	—	—	—	—	—	—	—	—	33	—
Leishmaniasis	10	—	—	—	2	—	—	—	7	—	19	—
Cholera	1	—	—	—	—	—	—	—	—	—	1	—
Other infectious or Parasitic diseases	37	1	69	—	—	—	—	—	3	—	109	1
Total	3,094	55	469	10	1,201	12	345	2	763	3	5,872	82

APPENDIX 2.

AGE AND SEX DISTRIBUTION OF DEATHS FROM ALL CAUSES ACCORDING TO DISTRICTS.

Age Group	Belize District			Corozal District			Orange Walk District			Stann Creek District			Toledo District			Cayo District			Total Colony		
	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T.	M.	F.	T
Under 1 year of age	55	39	94	20	22	42	20	16	36	21	20	41	20	16	36	15	11	26	151	124	275
1 –4 years of age	13	11	24	8	6	14	7	8	15	4	13	17	2	1	3	7	4	11	41	43	84
5—9 „ „ ..	1	3	4	1	—	1	—	—	—	—	—	—	1	2	3	1	—	1	5	5	10
10—14 „ „ ..	1	2	3	1	1	2	—	—	—	—	1	1	3	1	4	—	—	—	5	5	10
15—19 „ „ ..	2	6	8	1	—	1	1	1	2	—	—	—	2	4	6	—	1	1	6	12	18
20—24 „ „ ..	13	5	18	—	—	—	—	—	—	2	3	5	—	2	2	1	—	1	16	10	26
25—29 „ „ ..	8	5	13	—	1	1	—	—	—	—	1	1	—	2	2	3	1	4	11	10	21
30—34 „ „ ..	5	7	12	1	1	2	1	—	1	—	—	—	5	—	5	—	—	—	12	8	20
35—39 „ „ ..	11	4	15	1	—	1	—	—	—	2	2	4	3	2	5	—	1	1	17	9	26
40—44 „ „ ..	7	8	15	2	2	4	—	1	1	1	—	1	2	—	2	1	1	2	13	12	25
45—49 „ „ ..	6	10	16	1	2	3	1	1	2	3	1	4	3	—	3	—	1	1	14	15	29
50—54 „ „ ..	8	2	10	1	2	3	1	1	2	4	—	4	1	2	3	2	1	3	17	8	25
55—59 „ „ ..	12	4	16	—	3	3	3	—	3	2	1	3	1	—	1	1	—	1	19	8	27
60—64 „ „ ..	11	8	19	1	1	2	—	2	2	5	1	6	3	1	4	2	3	5	22	16	38
65 and over „ ..	53	44	97	11	5	16	6	11	17	11	11	22	5	1	6	5	4	9	91	76	167
TOTAL	206	158	364	49	46	95	40	41	81	56	54	110	51	34	85	38	28	66	440	361	801

APPENDIX 3.

PULMONARY TUBERCULOSIS.

Table showing the Age and Sex Distribution of Deaths.

AGE GROUP	Males	Females	Both Sexes
Under 5 years	—	—	—
6-10	—	—	—
11-20	2	2	4
21-30	3	4	7
31-40	6	4	10
41-50	4	2	6
51-60	3	1	4
Over 60 years	4	2	6
Others	—	—	—
Total	22	15	37

APPENDIX 4.

CAUSES OF DEATH UNDER ONE YEAR OF AGE.

Cause of Death	Under 1 month	1 Month to under 1 year	Total
Diarrhoea and Enteritis	4	41	45
Malnutrition	1	7	8
Congenital Debility	6	—	6
Congenital Syphilis	1	—	1
Malaria	—	1	1
Pneumonia and Broncho Pneumonia	2	14	16
Whooping Cough	—	6	6
Influenza	—	1	1
Tetanus	1	—	1
Dysentery	—	5	5
Asphyxia	4	—	4
Atelectasis of Lungs	5	—	5
Helminthic Disease	—	—	—
Umbilical Haemorrhage	1	—	1
Haemorrhagic Diathesis	2	—	2
Convulsions	2	1	3
Congenital Defect	4	—	4
Bronchitis	1	6	7
Prematurity	24	5	29
Birth Injury	1	1	2
Diptheria	—	—	—
Meningitis	—	5	5
Congenital Heart Disease	1	1	2
Rickets	—	—	—
Pleurisy	—	1	1
Anaemia	—	—	—
Measles	—	2	2
Enteric Fever	—	1	1
Tuberculosis	—	—	—
Chicken Pox	—	—	—
Others or Ill-defined	41	73	114
Septicaemia	—	1	1
Mumps	—	1	1
Erysipelas	—	1	1
Total	101	174	275

APPENDIX 5.

COMPARATIVE TABLE OF BIRTHS AND DEATHS OF INFANTS UNDER 1 YEAR FOR THE PERIOD 1944-1951.

Year	No. of Births	Births Rate	No. of Deaths under 1 year	Infant Mortality Rate
1944	2,031	32.0	279	137.4
1945	2,141	33.2	300	140.1
1946	2,065	34.3	217	105.0
1947	2,473	40.2	297	120.1
1948	2,506	39.68	264	105.6
1949	2,548	39.90	266	104.8
1950	2,657	39.40	284	106.5
Mean 1944-1950	2,346	36.95	272	117.1
1951	2,905	41.71	275	94.6

APPENDIX 6.

CAUSES OF DEATH IN THE PRE-SCHOOL CHILD.
(1-5 years).

Disease Group	No.	Total in Group
(*a*) *Communicable Diseases*:		
Malaria	2	
Dysentery	4	
Whooping Cough	—	
Pneumonia and Broncho-pneumonia	8	
Cogenital Syphillis	—	
Ietanus	2	
Influenza	—	
Meningitis	2	
Diptheria	—	
Helminthiasis	—	
Enteric	3	
Chicken Pox	1	22
(*b*) *Diseases of the Nervous System*:		
Convulsions	—	—
(*c*) *Diseases of the Respiratory System*:		
Bronchitis	1	
Septic Tracheitis	—	
Asthma	2	
Tuberculosis	—	3
(*d*) *Diseases of the Digestive System*:		
Diarrhoea and Enteritis	15	
Tonsilitis	—	
Gastritis	—	15
(*e*) *Diseases of the Genito-Urinary System*:		
Nephritis	—	—
(*f*) *Injuries, Accidents, etc*:		
Fracture of Skull	1	
Drowning	—	
Poisoning	6	
Burns	1	8
(*g*) *Others*	39	39
		87

APPENDIX 7.

MORBIDITY REPORT ON IN-PATIENTS IN ALL THE HOSPITALS OF THE COLONY FOR 1951.

INFECTIOUS AND PARASITIC DISEASES.

Disease	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
1. Typhoid fever and Paratyphoid fevers	31	1	16	4	2	10	64
2. Bacillary dysentery	—	—	1	—	—	—	1
3. Amoebic dysentery including amoebiasis of any site	30	9	4	1	—	—	44
4. Dysentery unspecified	—	21	2	5	1	4	33
5. Scarlet fever	—	—	—	—	—	—	—
6. Whooping cough	2	1	—	2	2	—	7
7. Diphtheria	1	—	—	—	—	—	1
8. Measles	4	9	—	—	—	—	13
9. Influenza	2	—	1	1	—	—	4
10. Chickenpox	3	—	—	—	—	—	3
11. Mumps	1	—	—	—	1	—	2
12. Tuberculosis of the respiratory system	30	4	—	—	—	2	36
13. Other forms of tuberculosis	5	3	—	2	1	—	11
14. Gonococcus infection of the female genito-urinary system	1	2	—	—	—	4	7
15. Gonococcus of the male genito-urinary system	4	2	1	1	—	3	11
16. Gonococcus infection of the eye	1	—	—	—	—	1	2
17. Other forms of gonococcus infection	—	3	1	1	—	1	6
18. Malaria, unspecified	61	213	74	34	26	94	502
19. Malignant tertian malaria (P. falciparum)	21	—	—	2	—	2	25
20. Quartan malaria (P. malariae)	—	—	—	—	—	—	—
21. Benign tertian malaria (P. vivax)	4	3	—	—	—	—	7
22. Blackwater fever	—	1	—	—	—	—	1
23. Early syphilis	21	—	—	—	—	—	21
24. Cardiovascular syphilis	4	—	—	1	—	—	5
25. Syphilis of the nervous system	3	—	2	—	1	—	6
26. Other forms of syphilis	39	3	1	—	—	—	43
27. Congenital syphilis	6	—	—	—	—	—	6
28. Undulant fever (brucellosis)	—	—	—	—	—	—	—
29. Cerebrospinal (meningococcus) meningitis	7	1	—	—	—	1	9
30. Erysipelas	2	—	—	—	—	—	2
31. Tetanus	2	2	—	2	—	—	6
32. Septicemia	—	—	1	—	—	—	1
33. Gas bacillus infection	2	—	—	—	—	—	2
34. Rabies	—	—	—	—	—	—	—
35. Tularemia	—	—	—	—	—	—	—
36. Smallpox including alastrim	—	—	—	—	—	—	—
37. Acute poliomyelitis but not sequelae to the acute disease	—	—	—	—	—	—	—
38. Acute infectious encephalitis	—	—	—	—	—	—	—
39. Typhus exanthematicus and other Rickettsiasis	—	—	—	—	—	—	—
40. Intestinal Worms other than Ankylostomiasis	15	32	1	1	—	2	51
41. Ankylostomiasis	3	—	—	—	—	—	3
42. Dermatophytosis and other forms of mycosis	—	1	1	—	—	—	2
43. Chancroid	1	—	—	—	—	—	1
44. Lympho-granuloma inguinale	3	1	—	1	—	1	6
45. Other forms of venereal diseases	—	—	—	—	—	—	—
46. Leishmaniasis	5	—	3	—	—	—	8
47. Leprosy	—	—	—	—	—	—	—
48. Plague	—	—	—	—	—	—	—
49. Yellow fever	—	—	—	—	—	—	—
50. Cholera	1	—	—	—	—	—	1
51. Relapsing fever	—	—	—	—	—	—	—
52. Dengue	—	—	—	—	—	—	—
53. Other infectious or parasitic diseases	2	—	—	6	2	—	10
II. NEOPLASMS							
54. Malignant neoplasm of the buccal cavity and pharynx	—	—	—	—	1	—	1
55. Malignan neoplasm of stomach	1	—	—	1	—	1	3

	Disease	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
56.	Malignant neoplasm of other digestive organs	3	2	—	—	—	—	5
57.	Malignant neoplasm of the respiratory system	1	—	—	1	—	—	2
58.	Malignant neoplasm of the cervix uteri	16	1	1	—	—	1	19
59.	Malignant neoplasm of other female genital organs (except breast)	3	1	—	—	—	—	4
60.	Malignant neoplasm of the female breast	8	—	—	—	—	—	8
61.	Malignant disease of bone	—	—	—	—	—	—	—
62.	Leukemias and aleukemias, Hodgkin's disease and other forms of generalised or localised malignant neoplasm	2	—	2	—	—	—	4
63.	Fibro-myoma of the uterus	57	—	2	—	—	—	59
64.	Other non-malignant neoplasm of the female genital organs and breast	2	1	—	—	—	—	3
65.	Other non-malignant neoplasms	1	—	—	—	—	—	1
	III. *RHEUMATIC FEVER, DISEASES OF THE ENDOCRINE GLANDS AND NUTRITION, AND OTHER GENERAL DISEASES*							
66.	Rheumatic fever with heart involvement	5	1	1	1	—	—	8
67.	Rheumatic fever without heart involvement and including chorea	1	1	—	2	1	—	5
68.	Diabetes mellitus	11	1	—	—	—	—	12
69.	Diabetes mellitus with infection or gangrene, acidosis or other sequelae	7	1	1	—	—	1	10
70.	Toxic goiter	1	—	—	—	—	—	1
71.	Other forms of goiter	3	—	1	—	—	—	4
72.	Other diseases of the endocrine glands	—	—	—	—	—	1	1
73.	Malnutrition and related disorders but not of infants under 1 year of age	1	4	5	1	1	1	13
74.	Pellagra	—	—	—	1	—	—	1
75.	Rickets	—	—	—	—	—	—	—
76.	Other avitaminoses	1	—	3	—	—	5	9
77.	Other general diseases	2	—	—	—	—	1	3
	IV. *DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS*							
78.	Anaemia, Pernicious including macrocytic, and anaemia gravis of pregnancy	11	—	2	—	5	—	18
79.	Other forms of Anaemia	13	8	—	—	2	14	37
80.	Other diseases of the blood and blood-forming organs	1	—	—	1	—	—	2
	V. *CHRONIC POISONING AND INTOXICATION*							
81.	Alcoholism (Chronic)	3	—	1	—	—	1	5
82.	Other chronic poisoning including drugs of addiction e.g. marihuana	—	—	—	—	—	—	—
	VI. *DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS INCLUDING MENTAL DISORDERS*							
83.	Inflammatory diseases of the central nervous system	3	—	—	—	—	—	3
84.	Intracranial lesions of vascular origin	—	—	—	—	—	—	—
85.	Residuals of intracranial lesions of vascular origin	—	—	—	—	—	—	—
86.	Other disease of the central nervous system	8	—	—	—	—	1	9
87.	Diseases of the sympathetic and the peripheral nervous system	5	—	—	—	—	—	5
88.	Psychoses	—	—	1	1	—	—	2
89.	Psychoses due to poisons, injuries or somatic disease	—	—	—	—	—	—	—

	Disease	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
90.	Psychoneurosis	1	—	2	1	—	—	4
91.	Psychopathic personality—Behaviour and related problems	1	—	—	—	—	—	1
92.	Mental deficiency	—	—	—	—	—	—	—
93.	Epilepsy	9	1	3	1	1	1	16
94.	Migraine	4	—	—	—	—	—	4
95.	Other mental and nervous diseases	2	2	6	—	—	1	11
96.	Diseases of the organs of vision except trachoma but including errors of refraction	25	15	4	1	4	1	50
97.	Trachoma	—	—	—	—	—	—	—
98.	Diseases of the ear and mastoid process	7	11	3	1	—	5	27
	VII. DISEASES OF THE CIRCULATORY SYSTEM							
99.	Hypertensive cardio-vascular disease	20	—	3	—	—	3	26
100.	Hypertensive cardiovascular-renal disease	5	—	1	—	—	1	7
101.	Subacute bacterial endocarditis	1	—	—		—	—	1
102.	Other diseases of the cardiac valves, and of the myocardium	33	7	—	3	2	5	50
103.	Diseases of the coronary arteries and angina pectoris	2	2	—	—	—	—	4
104.	Functional disease of the heart	1	—	3	—	—	1	5
105.	Other diseases of the heart ..	11	—	5	—	—	1	17
106.	Arteriosclerosis	—	5	—	—	—	—	5
107.	Other diseases of the arteries ..	—	—	3	1	—	—	4
108.	Other diseases of the veins including haemorrhoids and varicose veins	29	3	—	1	—	—	33
109.	Lymphadenitis and lymphangitis of septic origin—as distinct from lymphadenitis of, say syphilis and other general diseases ..	9	2	4	—	3	—	18
	VIII. DISEASES OF THE RESPIRATORY SYSTEM							
110.	Acute nasopharyngitis (common cold)	13	1	—	1	1	—	16
111.	Tonsilitis	16	9	3	1	2	—	31
112.	Hypertrophied tonsils with or without adenoids	2	—	—	—	—	—	2
113.	Other diseases of the pharynx and of the larynx	9	—	—	—	—	—	9
114.	Bronchitis	55	96	15	13	26	277	482
115.	Pneumonia (all forms)	57	121	8	6	4	4	200
116.	Pleurisy with effusion	3	5	1	—	—	9	18
117.	Sinusitis and other diseases of the Nasal fossae	4	1	—	—	—	1	6
118.	Allergic rhinitis (hay fever) ..	—	—	—	—	—	—	—
119.	Asthma	35	20	7	2	2	5	71
120.	Other diseases of the respiratory system	15	3	1	—	3	3	25
	IX. DISEASES OF THE DIGESTIVE SYSTEM							
121.	Diseases of the buccal cavity and esophagus	9	12	—	3	3	—	27
122.	Ulcer of the stomach and duodenum	7	1	1	1	—	—	10
123.	Diarrhoea and enteritis over two years of age	53	15	12	8	2	10	100
124.	Diarrhoea and enteritis under two years of age	43	26	3	6	4	20	102
125.	Appendicitis	119	10	2	-	—	2	133
126.	Hernia	103	5	2	—	1	1	112
127.	Intestinal obstruction	3	—	—	—	—	1	4
128.	Other diseases of the stomach and intestines	40	15	9	9	15	7	95
129.	Cirrhosis of the liver	6	2	—	2	2	—	12

	Disease	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
130.	Catarrhal Jaundice	11	—	2	—	1	—	14
131.	Other diseases of the gall bladder and biliary ducts ..	22	9	4	3	—	—	38
132.	Other diseases of the digestive system	24	8	—	—	—	18	50
	X. DISEASES OF THE GENITO-URINARY SYSTEM							
133.	Nephritis	12	5	1	1	1	5	25
134.	Pyelitis, pyelonephritis and pyelocystitis but not of pregnancy	86	2	4	11	7	—	110
135.	Other diseases of the kidneys and ureters	21	7	4	—	—	—	32
136.	Stricture of the urethra ..	15	—	1	1	1	2	20
137.	Other diseases of the urinary system	35	13	1	3	1	8	61
138.	Diseases of the prostate ..	4	—	—	—	1	—	5
139.	Other diseases of the male genital organs including phimosis	46	18	1	2	1	3	71
140.	Diseases of the female genital organs and breast (not neoplasms)	184	20	12	4	3	17	240
141.	Menopause	1	4	3	—	—	2	10
142.	Menstrual disorders	9	4	1	2	1	5	22
	XI. DELIVERIES AND COMPLICATIONS OF PREGNANCY, CHILD-BIRTH AND THE PHERPERIUM							
143.	Delivery with live births ..	512	124	20	27	25	—	708
144.	Toxemias of pregnancy ..	18	—	5	5	3	5	36
145.	Placenta praevia	—	—	—	—	—	—	—
146.	Other hemorrhage of pregnancy and puerperium	7	1	1	—	—	—	9
147.	Pyelitis and pyelonephritis of pregnancy, childbirth and the puerperium	11	2	1	1	2	—	17
148.	Other infections of pregnancy, childbirth and the puerperium	11	1	—	—	—	1	13
149.	Abortion	66	32	4	6	2	1	111
150.	Ectopic pregnancy	22	1	—	—	2	1	26
151.	Other complications of pregnancy, childbirth and the puerperium	55	18	14	7	1	3	98
152.	Delivery with still birth (foetus over 28 weeks)	27	5	1	2	3	1	39
	XII. DISEASES OF THE SKIN							
153.	Diseases of the skin but not fungus infections	117	26	20	1	2	32	198
	XIII. DISEASES OF THE BONES AND ORGANS OF MOVEMENT							
154.	Arthritis but not gonoccocal ..	24	6	1	5	—	2	38
155.	Other diseases of the bones and joints	19	1	1	2	1	4	28
156.	Other diseases of the organs of movement	2	—	—	—	—	2	4
	XIV. CONGENITAL MALFORMATIONS							
157.	Congenital malformations ..	3	—	—	—	—	—	3
	XV. DISEASES PECULIAR TO THE FIRST YEAR OF LIFE							
158.	Prematurity	7	—	4	—	—	—	11
159.	Feeding problems including malnutrition under one year of age	6	1	—	8	—	—	15
160.	Other diseases peculiar to the first year of life and including birth trauma	4	—	1	1	—	—	6
	XVI. OTHER AND ILL-DEFINED DISEASES							
161.	Senility	13	—	5	3	—	5	26
162.	Lumbago, myalgia, rheumatism, fibrositis neuralgia except neuritis and trigeminal neuralgia ..	16	7	8	2	1	1	35
163.	Other ill-defined diseases ..	2	—	—	19	2	—	23
164.	Reaction from prophylactic inoculation and other allergic manifestations	—	—	1	—	—	—	1

	Disease	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
165.	Other conditions due to previous disease or injury	—	—	2	—	—	—	2
	XVII. INJURIES AND POISONINGS							
166.	Acute poisoning	20	1	—	2	1	—	24
167.	Injury by foreign body and general effects of external causes, including concussion without fracture	45	1	—	2	2	—	50
168.	Snake bite	—	—	2	—	4	—	6
169.	Other general effects of external causes	1	18	1	—	—	1	21
170.	Concussion of brain or spinal cord	2	3	3	—	4	1	13
171.	Compound fracture	9	4	—	—	1	3	17
172.	Simple fracture	68	9	1	6	4	2	90
173.	Dislocation, sprain, or other joint injury without fracture ..	12	6	—	—	4	2	24
174.	Burn or scald	18	6	—	—	2	2	28
175.	Cut, laceration or puncture wounds, abrasion, contusion ..	87	113	57	11	17	37	322
176.	Other or unspecified injury ..	8	22	1	—	3	2	36
	XVIII. OTHER ENUMERATED CONDITIONS WITHOUT SICKNESS							
177.	Medical examinations, negative findings including post operation check up	129	—	4	2	—	—	135
178.	Infectious disease carrier without sickness	—	—	—	—	—	—	—
179.	Prophylactic inoculation without sickness	1	—	—	—	—	—	1
180.	Uncomplicated pregnancy without delivery	3	1	9	—	1	—	14
181.	Well-baby and child care ..	—	—	1	—	1	—	2
182.	Infant born alive	511	125	25	31	24	—	716
183.	Therapeutic manoeuvers ..	—	—	—	—	2	—	2
	TOTAL	3,565	1,347	457	304	252	679	6,604

APPENDIX 8.

MORBIDITY REPORT ON OUT-PATIENTS IN ALL THE DISTRICTS FOR THE PERIOD JANUARY—DECEMBER, 1951.

INFECTIOUS AND PARASITIC DISEASES

	DISEASE	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
1.	Typhoid fever and Paratyphoid fevers	—	—	—	—	—	—	—
2.	Bacillary dysentery	1	—	—	—	—	—	1
3.	Amebic dysentery including amoebiasis of any site	24	3	—	3	—	—	30
4.	Dysentery unspecified	24	55	2	20	4	3	108
5.	Scarlet fever	—	—	—	—	—	—	—
6.	Whooping cough	87	58	5	15	1	—	166
7.	Diphtheria	3	—	—	—	—	—	3
8.	Measles	19	126	23	5	2	1	176
9.	Influenza	1	1	36	1	—	—	39
10.	Chickenpox	34	5	200	4	—	8	251
11.	Mumps	5	—	2	1	—	1	9
12.	Tuberculosis of the respiratory system	7	12	—	6	1	—	26
13.	Other forms of tuberculosis	—	3	—	—	1	—	4
14.	Gonococcus infection of the female genito-urinary system	99	7	1	3	3	2	115
15.	Gonococcus of the male genito urinary system	139	8	18	13	3	10	191
16.	Gonococcus infection of the eye	4	—	1	2	—	5	12
17.	Other forms of gonococcus infection	29	8	6	—	2	5	50
18.	Malaria, unspecified	607	571	307	81	85	160	1811
19.	Malignant tertian malaria (P. falciparum)	97	—	—	—	—	10	107
20.	Quartan malaria (P. malariae)	5	3	—	1	—	—	9
21.	Benign tertian malaria (P.vivax)	37	1	—	—	—	—	38
22.	Blackwater fever	—	—	—	—	—	—	—
23.	Early syphilis	60	—	—	4	—	—	64
24.	Cardiovascular syphilis	—	—	—	—	—	—	—
25.	Syphilis of the nervous system	4	3	1	1	—	—	9
26.	Other forms of syphilis	19	2	2	3	—	—	26
27.	Congenital syphilis	1	—	1	2	1	—	5
28.	Undulant fever (brucellosis)	—	—	—	—	—	—	—
29.	Cerebrospinal (meningococcus) meningitis	—	—	—	—	—	—	—
30.	Erysipelas	—	—	1	—	—	—	1
31.	Tetanus	—	1	—	—	—	—	1
32.	Septicemia	—	—	—	—	—	—	—
33.	Gas bacillus infection	—	—	—	—	—	—	—
34.	Rabies	—	—	—	—	—	—	—
35.	Tularemia	—	—	—	—	—	—	—
36.	Smallpox including alastrim	—	—	—	—	—	—	—
37.	Acute poliomyelitis but not sequelae to the acute disease	—	—	—	—	—	—	—
38.	Acute infectious encephalitis	—	—	—	—	—	—	—
39.	Typhus exanthematicus and other Rickettsiasis	—	—	—	—	—	—	—
40.	Intestinal Worms other than Ankylostomiasis	1159	64	39	23	19	12	1316
41.	Ankylostomiasis	5	7	—	2	2	3	19
42.	Dermatophytosis and other forms of mycosis	206	8	1	10	6	—	231
43.	Chancroid	2	—	—	—	—	—	2
44.	Lympho-granuloma inguinale	14	1	1	—	—	—	16
45.	Other forms of venereal diseases	33	—	—	—	—	—	33
46.	Leishmaniasis	5	2	4	—	—	—	11
47.	Leprosy	—	—	—	—	—	—	—
48.	Plague	—	—	—	—	—	—	—
49.	Yellow fever	—	—	—	—	—	—	—
50.	Cholera	—	—	—	—	—	—	—
51.	Relapsing fever	—	—	—	—	—	—	—
52.	Dengue	—	—	—	—	—	—	—
53.	Other infectious or parasitic diseases	35	—	3	43	18	—	99

	Disease	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
	NEOPLASMS.							
54.	Malignant neoplasm of the buccal cavity and pharynx ..	—	1	1	—	—	—	2
55.	Malignant neoplasm of Stomach	—	—	—	—	—	1	1
56.	Malignant neoplasm of other digestive organs	—	7	—	—	—	—	7
57.	Malignant neoplasm of the respiratory system	—	—	—	—	—	—	—
58.	Malignant neoplasm of the cervix uteri	2	—	—	2	1	—	5
59.	Malignant neoplasm of other female genital organs (except breast)	—	1	1	—	—	—	2
60.	Malignant neoplasm of the female breast	5	—	1	—	—	—	6
61.	Malignant disease of bone ..	—	—	—	—	—	—	—
62.	Leukemias and aleukemias, Hodgkin's disease and other forms of generalised or localised malignant neoplasm	—	—	1	1	—	—	2
63.	Fibro-myoma of the uterus ..	10	—	1	—	—	1	12
64.	Other non-malignant neoplasm of the female genital organs and breast	13	1	1	2	—	—	17
65.	Other non-malignant neoplasms	1	—	1	2	2	—	6
	RHEUMATIC FEVER, DISEASES OF THE ENDOCRINE GLANDS AND NUTRITION AND OTHER GENERAL DISEASES.							
66.	Rheumatic fever with heart involvement	1	1	—	—	—	—	2
67.	Rheumatic fever without heart involvement and including chorea	1	1	2	—	—	—	4
68.	Diabetes mellitus	4	1	2	—	—	—	7
69.	Diabetes mellitus with infection or gangrene, acidosis or other sequelae	—	3	—	1	—	—	4
70.	Toxic goiter	9	—	—	—	—	—	9
71.	Other forms of goiter	12	—	—	1	—	—	13
72.	Other diseases of the endocrine glands	—	—	2	—	—	—	2
73.	Malnutrition and related disorders but not of infants under 1 year of age	8	5	—	2	—	—	15
74.	Pellagra	—	—	—	1	—	—	1
75.	Rickets	—	—	—	—	—	—	—
76.	Other avitaminoses	24	2	2	—	1	5	34
77.	Other general diseases	37	—	2	1	—	38	78
	DISEASES OF THE BLOOD AND BLOOD-FORMING ORGANS.							
78.	Anaemia, Pernicious including macrocytic, and anaemia gravis of pregnancy	126	1	15	11	10	3	166
79.	Other forms of Anaemia ..	154	20	17	4	5	32	232
80.	Other diseases of the blood and blood-forming organs	—	3	—	—	—	1	4
	CHRONIC POISONING AND INTOXICATION.							
81.	Alcoholism (Chronic)	—	—	—	1	—	—	1
82.	Other chronic poisoning including drugs of addiction e.g. marihuana	—	—	—	—	—	—	—
	DISEASES OF THE NERVOUS SYSTEM AND SENSE ORGANS INCLUDING MENTAL DISORDERS.							
83.	Inflammatory diseases of the central nervous system ..	—	—	1	—	—	—	1
84.	Intracranial lesions of vascular origin	—	—	—	1	—	—	1
85.	Residuals of intracranial lesions of vascular origin	—	—	—	—	—	—	—

	Disease	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
86.	Other disease of the central nervous system	5	—	7	—	—	—	12
87.	Diseases of the sympathetic and the peripheral nervous system	1	—	2	1	—	—	4
88.	Psychoses	—	—	—	—	—	—	—
89.	Psychoses due to poisons injuries or somatic disease ..	—	—	—	—	—	—	—
90.	Psychoneurosis	—	—	—	6	4	—	10
91.	Psychopathic personality—Behaviour and related problems	—	—	—	—	—	—	—
92.	Mental deficiency	2	1	—	—	—	—	3
93.	Epilepsy	9	2	2	6	4	1	24
94.	Migraine	6	—	—	—	—	—	6
95.	Other mental and nervous diseases	66	5	2	4	—	3	80
96.	Diseases of the organs of vision except trachoma but including errors of refraction	194	71	32	35	14	1	347
97.	Trachoma	—	—	—	—	—	—	—
98.	Diseases of the ear and mastoid process	189	43	32	38	21	23	346
	DISEASES OF THE CIRCULATORY SYSTEM.							
99.	Hypertensive cardio-vascular disease	22	—	12	5	—	8	47
100.	Hypertensive cardiovascular-renal disease	14	—	—	—	—	4	18
101.	Subacute bacterial endoccarditis	—	—	—	—	—	—	—
102.	Other diseases of the cardiac valves, and of the myocardium	2	16	5	3	1	—	27
103.	Diseases of the coronary arteries and angina pectoris	3	2	—	1	—	—	6
104.	Functional disease of the heart	11	—	1	—	—	—	12
105.	Other diseases of the heart ..	9	—	6	—	—	3	18
106.	Arteriosclerosis	2	19	—	1	—	1	23
107.	Other diseases of the arteries	—	—	—	—	—	—	—
108.	Other diseases of the veins including haemorrhoids and varicose veins	27	1	2	6	2	—	38
109.	Lymphadenitis and lymphangitis of septic origin—as distinct from lymphadenitis of, say syphilis and other general diseases ..	21	—	4	12	3	—	40
	DISEASES OF THE RESPIRATORY SYSTEM.							
110.	Acute nasopharyngitis (common cold)	1465	—	18	145	52	—	1680
111.	Tonsillitis	114	43	18	12	4	4	195
112.	Hypertrophied tonsils with or without adenoids	—	—	—	2	—	—	2
113.	Other diseases of the pharynx and of the larynx	27	16	7	3	3	—	56
114.	Bronchitis	547	245	177	123	70	196	1358
115.	Pneumonia (all forms) ..	15	101	—	1	1	—	118
116.	Pleurisy with effusion	7	4	—	1	—	5	17
117.	Sinusitis and other diseases of the Nasal fossae	64	15	9	8	3	7	106
118.	Allergic rhinitis (hay fever) ..	3	—	—	—	—	—	3
119.	Asthma	109	42	23	7	3	3	187
120.	Other diseases of respiratory system	191	22	7	4	6	11	241
	DISEASES OF THE DIGESTIVE SYSTEM.							
121.	Diseases of the buccal cavity and esophagus	62	142	26	26	15	1	272
122.	Ulcer of the stomach and duodenum	3	—	—	—	—	—	3
123.	Diarrhoea and enteritis over two years of age	130	55	52	25	8	8	278
124.	Diarrhoea and enteritis under two years of age	119	94	128	69	33	4	447
125.	Appendicitis	46	5	9	—	2	2	64

	Disease	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
126.	Hernia	51	11	3	10	3	3	81
127.	Intestinal obstruction	—	—	—	—	—	—	—
128.	Other diseases of the stomach and intestines	299	57	22	60	47	8	493
129.	Cirrhosis of the liver	—	6	1	—	—	—	7
130.	Catarrhal jaundice	2	2	—	1	—	—	5
131.	Other diseases of the gallbladder and biliary ducts	14	9	13	3	—	8	47
132.	Other diseases of the digestive system	255	7	31	1	—	38	332
	DISEASES OF THE GENITO-URINARY SYSTEM.							
133.	Nephritis	6	4	—	—	1	1	12
134.	Pyelitis, pyelonephritis and pyelocystitis but not of pregnancy	114	—	12	333	109	4	572
135.	Other diseases of the kidneys and ureters	6	6	6	5	—	7	30
136.	Stricture of the urethra	10	—	2	—	—	—	12
137.	Other diseases of the urinary system	189	21	21	2	1	25	259
138.	Diseases of the prostate	2	—	2	2	—	—	6
139.	Other diseases of the male genital organs including phimosis	74	58	14	6	7	1	160
140.	Diseases of the female genital organs and breast (not neoplasms)	98	66	61	54	13	8	300
141.	Menopause	38	4	10	9	5	3	69
142.	Menstrual disorders	161	13	36	35	18	6	269
	DELIVERIES AND COMPLICATIONS OF PREGNANCY, CHILDBIRTH AND THE PUERPERIUM.							
143.	Delivery with live birth	—	—	—	—	—	—	—
144.	Toxemias of pregnancy	4	—	5	3	1	—	13
145.	Placenta praevia	—	—	—	—	—	—	—
146.	Other Haemorrhage of pregnancy and puerperium	4	—	—	—	—	—	4
147.	Pyelitis and pyelonephritis of pregnancy, childbirth and the puerperium	12	3	3	32	4	—	54
148.	Other infections of pregnancy, childbirth and the puerperium	3	—	1	1	—	1	6
149.	Abortion	15	17	3	—	3	—	38
150.	Ectopic Pregnancy	4	9	—	—	—	—	13
151.	Other complications of pregnancy, childbirth and the puerperium	171	23	31	15	4	3	247
152.	Delivery with still birth (foetus over 28 weeks)	—	—	—	—	—	—	—
	DISEASES OF THE SKIN.							
153.	Diseases of the skin but not fungous infections	612	166	115	44	21	61	1019
	DISEASES OF THE BONES AND ORGANS OF MOVEMENT.							
154.	Arthritis but not gonoccocal	24	13	15	16	11	2	81
155.	Other diseases of the bones and joints	74	3	3	—	2	4	86
156.	Other diseases of the organs of movement	28	4	1	7	1	15	56
	CONGENITAL MALFORMATIONS.							
157.	Congenital malformations	1	—	—	1	—	—	2
	DISEASES PECULIAR TO THE FIRST YEAR OF LIFE.							
158.	Prematurity	—	—	2	—	—	—	2
159.	Feeding problems including malnutrition under one year of age	5	1	6	12	7	—	31
160.	Other diseases peculiar to the first year of life and including birth trauma	13	—	1	—	—	—	14
	OTHER AND ILL-DEFINED DISEASES.							
161.	Senility	48	5	10	1	1	10	75

	Disease	Belize	Stann Creek	Cayo	Corozal	Orange Walk	Toledo	TOTAL
162.	Lumbago, myalgia, rheumatism, fibrositis, neuralgia except neuritis and trigeminal neuralgia ..	333	56	51	46	30	20	536
163.	Other ill-defined diseases ..	574	—	12	25	17	—	628
164.	Reaction from prophylactic inoculation and other allergic manifestations	52	—	—	—	—	—	52
165.	Other conditions due to previous disease or injury	330	—	12	—	—	—	342
	INJURIES AND POISONINGS.							
166.	Acute poisoning	1	1	1	1	—	—	4
167.	Injury by foreign body and general effects of external causes, including concussion without fracture	30	29	5	7	1	—	72
168.	Snake Bite	—	—	—	—	—	1	1
169.	Other general effects of external causes	19	55	2	—	—	10	86
170.	Concussion of brain or spinal cord	1	2	—	—	—	—	3
171.	Compound fracture	6	1	—	—	—	—	7
172.	Simple fracture	43	12	4	3	3	1	66
173.	Dislocation, sprain, or other joint injury without fracture ..	28	28	—	10	5	1	72
174.	Burn or scald	20	15	—	4	—	1	40
175.	Cut, laceration or puncture wounds, abrasion, contusion ..	461	559	86	55	24	61	1246
176.	Other or unspecified injury ..	108	109	69	5	5	14	310
	OTHER ENUMERATED CONDITIONS WITHOUT SICKNESS.							
177.	Medical examinations, negative findings including post operation check up	322	1	118	16	24	94	575
178.	Infectious disease carrier without sickness	—	—	—	—	—	2	2
179.	Prophylactic inoculation without sickness	3	—	1	—	—	2	6
180.	Uncomplicated pregnancy without delivery	9	—	52	7	—	58	126
181.	Well-baby and child care ..	—	—	—	—	—	—	—
182.	Infant born alive	—	—	—	—	—	—	—
183.	Therapeutic manoeuvers ..	—	—	—	—	—	—	—
	TOTAL	11,334	3,316	2,128	1,649	784	1,059	20,270